

3-11-1965

# The Tech News Volume 55, Issue 19, March 11 1965

The Students of Worcester Polytechnic Institute

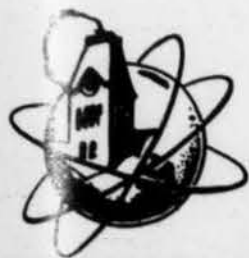
Follow this and additional works at: <http://digitalcommons.wpi.edu/technews>

---

## Recommended Citation

The Students of Worcester Polytechnic Institute, "The Tech News Volume 55, Issue 19, March 11 1965" (1965). *Tech News All Issues*. Book 37.  
<http://digitalcommons.wpi.edu/technews/37>

This Article is brought to you for free and open access by the WPI Student Publications at DigitalCommons@WPI. It has been accepted for inclusion in Tech News All Issues by an authorized administrator of DigitalCommons@WPI.



Pride in our Past  
Faith in our Future

1865-1965

WORCESTER POLYTECHNIC INSTITUTE

Vol. LV

Worcester, Massachusetts, Thursday, March 11, 1965

Number 19

# The Tech News

## Goddard's Friend and Assistant Is Speaker

Brigadier General Homer A. Boushey, retired Air Force Officer, will be one of the guest speakers at Tech during the Goddard Day Ceremonies on March 16. Gen. Boushey, who was a personal friend of Mr. and Mrs. Goddard, will be introduced by Mrs. Goddard to the audience. Gen. Boushey will talk about his own experiences with the late Prof. Goddard trying to relate what he was really like.

It was in the summer of 1940 during World War II when Gen. Boushey, then an Army Air Corps Lieutenant, first met Dr. Goddard. Boushey was one of the many fliers who came to visit Goddard at his Mescalero Ranch to get his ideas about rocket propulsion for planes. Dr. Goddard, at this time, was doing research on liquid-fuel rocket projection at the Mescalero Ranch. Gen. Boushey, after a long conversation with Dr. Goddard that began on jet-propulsion and ended with their discussion of interplanetary flights, liquid-fuel devices, and supersonic flights; remarked, "We rather drifted into it. I felt more and more that I was in the presence of a great and humble man and that I was highly privileged to be hearing what he had said to me."

After this first meeting, Boushey became an ardent missionary of Goddard's works. He was in and out of Washington trying to promote this type of research to the Army Air Corps and to the public. He hoped that, if he aroused their interest in this particular scientific research, they would have an understanding of, and thus support Goddard's development of rocket-propulsion. Boushey commented; "He reminded me of the man who plants the seed of a tree, so that others might one day sit in its shade."

In early October, 1941, Boushey was promoted to Captain and put in charge of a jet-propulsion project at the Wright Field Experimental station in Dayton. He felt that now, more than ever, he could get the support that they were seeking. He made another one of his frequent visits to the ranch, but this time to view one of Goddard's experimental tests.

He was flabbergasted at what he had witnessed. In his formal report to the upper command, Boushey wrote, "Small, solid-fuel JATO devices being produced at the Jet Propulsion Laboratories of Cal. Tech, are delivering a 50 pound thrust. In Eden Valley, I have just witnessed a rocket produce a thrust of 825 pounds." This report finally got the attention of the Air Corps. However, they were too late because the Navy Dept. procured Goddard's services just one day before the

Air Corps was about to approach the Professor.

"Boushey," commented Mrs. Goddard "possessed a very vivacious character and a bright mind that helped him to see the future in jet-propulsion. He became a son to us during his visits and after his first child was born, he honored my husband by asking him to be the child's Godfather."

Boushey expressed to Mr. Goddard that, when the war was over he would be very interested in working with him, but his dream never came true because Goddard died on August 10, 1945 just four days before the Peace Treaty was signed.

During the war and after the war, Boushey's accomplishments were many. In 1941 he attached several 50 - pound - thrust JATO's to the underside of each wing of his plane and removed the propeller. When the JATO's took hold, the plane took off and flew a short distance. Hence he became the first American to fly exclusively on rocket power.

(Continued on Page 6)

## Stockbrokers Draw Crowd

Always somewhat of a mystery to the average individual, the puzzling general operation of the stock market became a little clearer to the audience during last week's assembly.

The three gentlemen who presented the program, Mr. John Shepard, Mr. Fournier, and Mr. Ford, are stockbrokers from the surrounding area. They presented two films describing two of the stock exchanges, and then answered questions concerning more intricate parts of the matter.

The films one by one of the two stock exchanges, The New York Stock Exchange, and the American Stock Exchange were a general survey of three main points. First a history of each of the two exchanges from the earliest—New York in 1792, to the American, started as the Curb Exchange in 1908 until it finally moved indoors in 1921. Secondly, an idea was given of what the market actually is, through a definition of the different terms used in the exchange. Third, the organizational aspects were brought out, from the standpoint of a small business enterprise to that of a large corporation; what stock is, and what it represents. This explained the operation of the exchange in the entire economy.

The large and interested audience demonstrated the interest the Tech student has in the subject.

## General B.A. Schriever A. F. Missile Head Is Goddard Day Speaker

General Bernard A. Schriever, chief of the Air Force Systems Command, will be the main speaker at Worcester Tech on Tuesday, March 16, when the Institute honors Dr. Robert H. Goddard, the father of American rocketry and a W. P. I. alumnus.

Dr. Wernher von Braun, director of the George C. Marshall Space Flight Center in Huntsville, Alabama, who was originally scheduled as the main speaker, will be unable to attend because of illness.

The program will be in conjunction with Worcester Tech's Centennial Celebration. The date for the commemorative program was set by Congress last week to honor the rocket pioneer nationally.

It is the 39th anniversary of the first liquid-fuel rocket firing in history, which was conducted by Dr. Goddard in Auburn, Mass. The first firing of his gunpowder-fueled rocket was in 1918 on the WPI campus. Dr. Goddard was graduated from Tech in 1908.

General Schriever will speak at a luncheon in Morgan Hall following a morning program that will open with a dedication of the former magnetic laboratory where Dr. Goddard conducted much of his research in 1917-18. The topic of his speech will deal with the advancements in rocketry since the assimilation of Dr. Goddard's research. He will be introduced by Robert W. Stoddard, Worcester manufacturer and trustee of the college.

General Schriever has been called "the general who is an industrialist on a giant scale." He has the management responsibility for Air Force contracts with more than 5000 major contractors engaged in work on Air Force Systems. Time magazine in the late 50's, mentioning General Schriever, wrote that he then held "the most important job in the country." At that time he was commander of the Air Research and Development Command, sparking the United States' surge to space.

General Schriever was born in Bremen, Germany in 1910 and immigrated to the United States in 1917. After graduating from Texas A & M in 1931 with a Bachelor of Science degree in engineering, he began his military career by accepting a reserve appointment in the field artillery. Schriever earned his wings in flight school at Randolph Field, Texas and was commissioned as a second lieutenant in the Army Air Corps Reserve in June 1933



GENERAL B. A. SCHRIEVER

at Kelly Field, Texas. Following assignments to March Field, California and Albrook Field in the Panama Canal Zone, the lieutenant reverted to inactive reserve status and accepted a position as a pilot with Northwest Airlines.

He re-entered the service as a second lieutenant in the Regular Army Air Corps in October, 1938 and served duty at Hamilton Field, California and Wright Field, Ohio. In 1941 he entered Stanford University and was awarded a Master's Degree in Mechanical Aeronautical Engineering in June 1942. Promoted to the rank of Major, Schriever joined the 19th Bomb group in the Southwest Pacific and while in that theater participated in seven campaigns.

During World War II, General Schriever was honored by many combat decorations, including the Purple Heart for his three years' service in the Southwest Pacific where he flew 63 combat missions in medium and heavy bombardment air craft.

From 1946 to 1949, General Schriever was assigned as Chief of the Scientific Liaison Section for Deputy Chief of Staff, Material Headquarters, U. S. Air Force. He entered the National War College in 1949 and was

graduated in June 1950. He then returned to USAF headquarters where he served as Assistant to the Commander, ARDC. One month later, although he still retained his aforementioned position, he was chosen to assume command of the Air Force Ballistic Missile Division.

As commander of AFBMD, General Schriever directed the nation's highest priority project—the development of the intercontinental ballistic missile. He was responsible for telescoping time in the research and development on all missiles and Air Force space systems. He also directed concurrently providing launching sites and equipment, tracking facilities and ground support equipment necessary to these programs.

In April 1959, General Schriever assumed command of the Air Research and Development Command with headquarters at Andrews Air Force Base, Maryland.

Two years later he became Commander for the newly created and expanded Air Force Systems Command. AFSC is responsible for research, development, procurement and production actions required to place a com-

(Continued on Page 6)



*Fewer Assemblies,  
But Higher Quality*

We agree completely with the goals set forth by the assembly committee in one of the accompanying letters to the editor. We simply feel that the present method of producing an assembly program has not been an effective one and should be changed.

G. G. C.

**Editor-in-Chief: GERARD G. CHAREST**

**Editorial Staff:**

Managing Editor.....	DANIEL J. MAGUIRE
News Editor.....	CHRISTOPHER G. BRADBURY
Copy Editor.....	RONALD F. NAVENTI
Sports Editors.....	PETER J. KUDLESS GEORGE R. STEVENS
Make-up Editors.....	JOSEPH N. PASSARO J. RONALD CRUMP ROBERT J. COATES
Photography Editor.....	J. WILLIAM BOWEN
Social Editor.....	ANDY B. MORAN

**Business Staff:**

Business Manager.....	JACK G. RAHAIM
Advertising Manager.....	JAMES A. COCCI
Circulation Manager.....	BRIAN J. GALLAGHER
Assistant Circulation Manager.....	KEN W. GORDON

**Faculty Advisor.....**THEODORE H. PACKARD

**Senior Advisor.....**DAVID S. SAWICKI

### Junior Editors

<b>FRANK MAGIERA</b>	<b>TOM KELLEY</b>
<b>STEVE LUBER</b>	<b>TOM BENOIT</b>

### Reporters

<b>STEVE BRODEUR</b>	<b>JAMES FEE</b>
<b>JOHN CAHALEN</b>	<b>ANDY KUDARAUSKAS</b>
<b>JOHN SOULLIERE</b>	<b>STEVE COTTER</b>

### To the Editor:

I am a junior in the Civil Engineering Department; and as long as I have been a student here at WPI, it has been the policy of this Institute not to keep any students from unreasonable amounts of time after a laboratory period is officially over. It is common knowledge to all students and professors that labs normally end at 4 P.M. Situations may arise where this time may be lengthened a bit, but this has definitely been the exception rather than the rule. This semester, however, many of the junior civil engineering students have been kept in (ME 364) Fluids lab to unreasonable hours, week after week. One group was even kept till 7 P.M. on a Friday afternoon. In my opinion, this is a very poor policy of the school and professors. Labs should be correlated to be completed within the normal, allotted three hours. If students continually find themselves unable to finish these labs within three hours, it is my opinion that it must be the labs themselves that should be revamped.

The Fluids lab policy is to have several labs done experimentally and then to have written reports handed in during the same period. I think that this is totally unreasonable. Even with a good understanding of the subject and an efficient crew, group after group find it impossible to meet all the requirements called for, especially in conclusions and formally written discussions that must be handed in.

I think it is about time that a somewhat more lenient policy is adopted in these labs and a little more consideration is shown to the student. A logical solution to the problem would be to have these labs handed in on Monday following the experiment so that students could get out at a reasonable hour. By having time to write our lab carefully over the weekend we could derive much more from it besides being much more convenient to all concerned. I sincerely hope that the Mechanical Engineering Department will examine their policies and try to reach an agreeable solution.

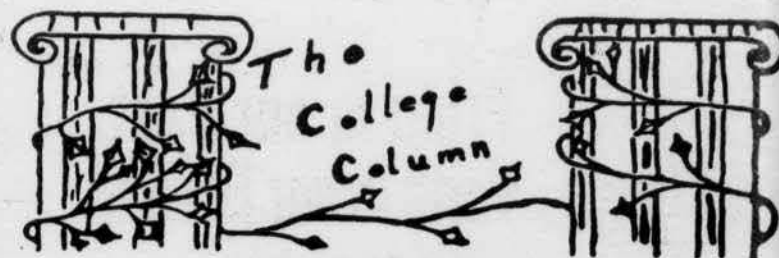
Michael F. Salvini

**To the Editor:**

In last week's editorial, reference was made to the lack of "initiative" shown by student leaders to provide "interesting and appealing" assemblies. We have good reason to believe that this statement was given with little knowledge and understanding of the situation or the factors involved. We would, therefore, like to clarify the purpose of the assembly program and our aims this past year.

The purpose of the program is first and foremost to offer exposure on subjects of current interest to those who desire it: NOT to provide pure entertainment to large numbers of students. Though two or three lighter, more entertaining assemblies occur during the year, the chief goal is to provide speakers knowledgeable in non-technical, liberal fields of more than passing interest to the average American. We have tried to do this in such areas as the Viet Nam crisis, the present missile race, the areas of extreme left and right in the

(Continued on Page 6)



by Robert J. Costes

Students on college campuses throughout the country have staged protest demonstrations dealing with political freedom, bad food, the banning of booze, our foreign policy in Vietnam and many other subjects. The students at the University of Michigan have added another wrinkle to this, as it seems, favorite college pastime.

Recently six hundred people from the U. of M. staged a sit-in and picketed three movie houses which raised their prices by twenty-five cents. When the students returned from their holiday recess, they discovered that the local theaters had raised their prices from \$1.00 to \$1.25. A protest demonstration was called for by the student government and was backed by several groups.

At the first theater, six hundred students bought tickets for the 6:30 showing of "Mary Poppins" and remained in the theater for the second showing, hoping that the revenue lost by not filling the house for the second showing might bring about a price reduction. A second theater was boycotted and all three were picketed with no evident success as the manager of the first movie house termed the demonstration as students "having their fun." He also stated that there was "no chance" that the prices would return to their former price. A nine year old girl was bewildered by the proceedings and after being handed a pamphlet prepared by the students, she remarked, "But I really thought it was a good movie."

These demonstrations may not be too disturbing to many, but one thing that might be, is students' inconsiderate abuse of property on their campuses. These actions may be as petty as littering or writing on desks or walls, but the costs resulting from these abuses eventually comes out of the students' pocket-book and they lose in the long run.

Two instances of this inconsideration, which were far from petty, occurred at Trinity and Tufts. A list of objects damaged or broken during a weekend period at Trinity consisted of 19 broken windows, damaged chairs, lamps, tables, thermostats, toilet fixtures, telephones, telephone booth doors, and a stolen dedication plaque. Silverware also seems to be a popular item to "borrow" with teaspoons being in great demand. It was estimated that about 80 dozen new pieces have to be bought each month costing \$75-\$80 dollars.

The situation is a little more serious at Tufts as the destruction of school property resulted in the closing of a lounge. According to an official, cigarette butts were scattered about the lounge, tiles were broken, and a small fire was set in front of the television set. Things may not be this serious at all schools, but nevertheless, this situation exists and it is disturbing.

On the lighter side, a firm in Seattle, Washington has marketed a device which is supposed to make "studying" easier. Billed as the PockeTutor, this battery operated machine is about the size of a cigarette pack. It allows a previously filled out tape to be viewed as it revolves beneath a transparent window on the top. The device sells for \$19.95 and for an additional \$9.95 a control can be ordered which fits on the back of a wristwatch and can be triggered by a flick of the wrist. A promotional pamphlet which has been sent to many schools throughout the country proclaims, "By simply glancing at the viewing window, your text items can be easily visible to you, even without others knowing," and it goes on to say that the PockeTutor "can put you on the top of your class."

The inventor claims that it wasn't designed for cheating, but he confessed that "it doesn't take a genius to realize PockeTutor could be used for cheating." It's too bad the boys at the Air Force Academy didn't hear about it sooner.

The men of Syracuse University have placed a sign halfway between co-ed Syracuse and all-male Colgate reading "Nine out of ten Syracuse women who have tried Colgate prefer tooth decay."

Some odd ball at the University of Nevada claims to be Jesus Christ. He lost much of his following, though, when at a rally held recently, he refused to change water into wine.



# Shot-Down Contest



GOING TO J.R.? (APRIL 23-24)

Each year, as Junior Prom season rolls around, the general tendency of Tech students is to go on the hunt for dates for the upcoming weekend. Fortunately, a great majority of these men will be successful, but as usual, there will be a select few who will not have the finesse and sex appeal to snag a date.

Fear not, O wallflowers of the Institute! I have a solution for your plight! This year the Junior Prom Committee is sponsoring a Shot-Down contest.

For the benefit of those not in-the-know, this type of contest consists of competition among "men" who have failed in their attempts to secure female companionship. All you have to do is procure a signed letter from the girl who has caused you your grief and put it in the "C" box in Boynton Hall. Address it to:

Shot-Down Contest  
c/o Publicity Manager, JAC  
Junior Prom Committee

The winning entry will be selected by the Junior Prom Committee and the letter will be printed in the Tech News, so as to announce it to all.

First prize is one (1) ticket to the J. P. Saturday Night show, which is going to be the greatest attraction ever to come to this

area. So if you fall in this category, let's get those letters in!

I'd hate to be the only one entering.

## Dorm Rates To Increase

Due to the continuous rise in cost of expenses, it has been announced that there will be an increase in dormitory and room rates effective this fall. This increase will be about 8%, or approximately \$2.40 more per week than the current rates.

Since the charges for the dormitory and other services are not made to show a substantial profit, an increase in rates is necessary when the cost of materials and labor rises. This accession will be used to cover the rising cost of food, the snack bar, the coin-operated facilities, and maintenance care.

The average increase in room rates is from \$374 to \$404. The board rates will rise from \$500 to \$540 for twenty meals per week. These figures are similar to rates charged by other schools of our type. For instance:

	Room	Board	Meals per Week
Carnegie	\$360-\$460	\$420	15
M.I.T.	\$370-\$400	\$459	15
R.P.I.	\$335-\$500	\$607	19
Clark	\$400-\$500	\$575	20
W.P.I.	\$300-\$525	\$540	20

Worcester Tech dorms are, without a doubt comparably clean and well kept. This added assessment will be used to equalize the expenses for services which you as a student are entitled to have. As stated by Mr. David E. Lloyd, "The Worcester Tech dining room and board facilities are equal to the best and better than in many other colleges."

### TECH CLEANERS AND TAILORS

129 HIGHLAND ST.

3 HR. CLEANING SERVICE

SHIRTS LAUNDERED

All Work Done on Premises

### IMPERIAL DELICATESSEN

113 Highland St.  
753-9378

## WE FIGURED IT OUT!

MORE THAN  
171,420 hours  
experience specializing  
in Fine Audio  
Components  
(including coffee breaks)

## HIGH FIDELITY ASSOCIATES

131a HIGHLAND STREET  
WORCESTER, MASS.  
SW 9-5621

Your life at Du Pont | one of a series for technical graduates



## How to tell a career from a job

A job is a job. A career is a place to grow. A career has a future. A job lives from day to day. In a job you get what you can, do what you must. In a career, rewards parallel your contributions.

We're a career company. More than a third of our 90,000 employees have been with us at least 15 years; 10,000 for more than 25 years. There are reasons for this. To assure growth we invest over \$90 million a year in research. Fifty percent of last year's sales (\$2.4 billion) came from products unheard of just 28 years ago. Because customers like these products, we've grown 750% since 1937.

Our career men share in this growth because we fill virtually all responsible positions from within. Our young men work in several areas to develop their capabilities. This way they can change positions without leaving the company.

There are job men and career men. If you seek a career, we'd like to tell you about an interesting and rewarding one at Du Pont. Write us a letter or clip and mail our coupon today.

### TECHNICAL MEN WE'LL NEED FROM THE CLASS OF '65

Chemists                      Mechanical Engineers  
Chemical Engineers        Industrial Engineers

E. I. du Pont de Nemours & Co. (Inc.)

2519-A Nemours Building  
Wilmington, Delaware 19898

When I'm graduated, I'll be a \_\_\_\_\_

(List profession)

Please rush me more information about how I might fit in at Du Pont.

Name \_\_\_\_\_

Class \_\_\_\_\_ Major \_\_\_\_\_ Degree expected \_\_\_\_\_

College \_\_\_\_\_

My address \_\_\_\_\_

City \_\_\_\_\_ Zone \_\_\_\_\_ State \_\_\_\_\_



BETTER THINGS FOR BETTER LIVING... THROUGH CHEMISTRY

An equal opportunity employer

## MORTON RE-ELECTED

In a recent election held in Shrewsbury, Worcester Tech's Dean Morton was elected to his second consecutive term as School Committeeman. Dean Morton, Associate Dean of the Faculty, Director of Summer and Evening Programs at Tech, as well as Professor of Physics, is very much interested in the improvement of secondary school education.

When interviewed, the Dean was asked to comment on his statement, "the problem is getting well qualified teachers".\* The Dean said that the problem involved the fact that the average secondary school teacher cannot expect to earn the salaries offered by industry. He commented that, "secondary schools will have to compete with industry for well trained men, especially in the technical fields." Dean Morton went on to explain that teacher training in state teacher's colleges deals more with methods of teaching than actual subject matter. The importance of a thorough knowledge of subject matter cannot be overlooked when judging a teacher's capabilities.

\* Tech News, February 25, 1965.





## LOCKE N.E. FROSH CHAMP; TRASK, TATA WIN 3rds

The Worcester Tech wrestling team concluded its 64-65 season last weekend with the New England Intercollegiate Championships. The Tech matmen, having finished with a respectable 5-5-1 record, sent an eight-man contingent to the two day championships at the University of Massachusetts.

There were two frosh entered in the separate freshman tournament. They were Rich Simoneau and Bob Locke. Simoneau, who had a J.V. record of 3 wins-1 loss, including two pins, was quickly eliminated from further competition early last Friday. His first and only match was with Harris of M.I.T., who beat Rich 4-0.

Worcester Tech's other freshman representative was Bob Locke, who expertly established himself as 137 pound champion in the freshman championships. Locke, the top seeded 137 pounder, eliminated his first two opponents by fast pins. McDonald of Tufts fell in 3:15, and Fenster of Brandeis, in 2:10. Bob then won a berth in the finals by beating Rundell of Coast Guard 7-0. His crowning achievement came Saturday morning during the frosh finals when Bob edged out Marshall of Williams College 3-2. Locke, having won the frosh 137

pound crown and having attained a fine 11-0 record, is definitely one of W.P.I.'s finer wrestlers.

In the varsity championships, Worcester Tech was represented by six grapplers, Jake Jacobson, Bill Guidi, John Wilson, Ron Tata, Dave Herrmann, and Russ Trask. Jacobson who finished the season with a 9-2 record, dropped ten pounds to wrestle at 123 pounds instead of his regular 130. Jake unfortunately was pinned in 7:25 by Long of Coast Guard and failed to qualify for consolation matches. Bill Guidi, a regular J.V. wrestler, moved into varsity ranks for the tournament and beat his first opponent 4-0. Bill next tangled with the eventual second place winner, Brogan of UMass, who pinned Bill in 2:04. Guidi, having qualified for consolation matches, won his first by a 4-2 decision, but lost the second by a 1-7 decision which kept him out of placing after an excellent appearance.

John Wilson, who was seeded sixth, lost his first match in the 157 pound competition to Wells of M.I.T., who went on to take second place. Wilson, suffering from a rib injury, also lost a consolation match.

Ron Tata, who, together with captain Russ Trask, was one of the Engineer's point-getters, fin-

ished with a third place in the 167 pound event. Ron won his first two matches by 11-3 and 3-2. Though he was pinned in 6:38 by Logan of Wesleyan, he qualified for consolation matches. Ron pulled an easy forfeit win in his first consolation match; but he scraped to get an 11-2 win over Johnson of Brown to get third place in a repeat performance of last year.

In the 177 pound competition, Engineer Dave Herrmann drew the eventual winner Joe Cerra of Springfield, who pinned Dave in the first match. In his only consolation match, Dave went down 3-0 to Dick Rapp of U.R.I.

The second Engineer point-getter was captain Russ Trask, who, like Tata, also took a third place. Russ, who was second place winner in last year's 177 pound class, fought his way to a third place in this year's 191 pound class. Having pinned his first opponent, Russ lost his second match. However, Russ made a fine comeback in the consolations by winning both, the second in overtime, to capture third place.

The team, with seven points apiece from Tata and Trask, finished tenth of eighteen with fourteen points.

## I.F. CAGERS OPEN; SAE BEATS PKT

SAE opened the IF Basketball season by scoring a decisive 69 to 53 victory over PKT, with high



Benoit In IF Action

scorer honors going to SAE's Ron Dill for netting 23 points.

Gary Dyckman scored the first two points of the game at the

foul line for SAE. The Kap's Skip O'Dell came back with two and the game started to roll. SAE's fine backcourt men, Sadowski and Dill, spearheaded SAE's attack to put them in the lead at the end of the first quarter. In the crucial dual under the boards, O'Dell, Braun, and Forrest proved formidable opponents for SAE's Dyckman, Kazemsky, and Goudie, with all three SAE men in serious foul trouble at halftime. The Kap's aggressive defense was unable to contain Dill who scored seven baskets during the first half to help put SAE ten points ahead.

In the third quarter, O'Dell, Moran, and Korzick drove relentlessly to cut down SAE's margin. The Kap's all court press, quite effective in past seasons, could not stop Dill or Sadowski who continued to pop them in. By this time, the strain under the boards was beginning to tell on the Kap as O'Dell and Braun ran their string of fouls to four apiece. Korzick and Moran, battling relentlessly, could not quite click for the needed points. SAE's well balanced attack kept rolling with Dyckman and Sadowski supplying the needed points. The fourth quarter was anti-climactic after O'Dell and Braun fouled out. Despite the efforts of Benoit, Moran, and Korzick, SAE increased their lead to win by sixteen points.

## Jrs., Class Champs; 67 Tops Frosh

Last Friday night the Junior Class accomplished a feat that has evaded them for two years—they won a major class sporting event. Led by the fine play of Bill Nims and Larry Penoncello, the Juniors edged the Seniors

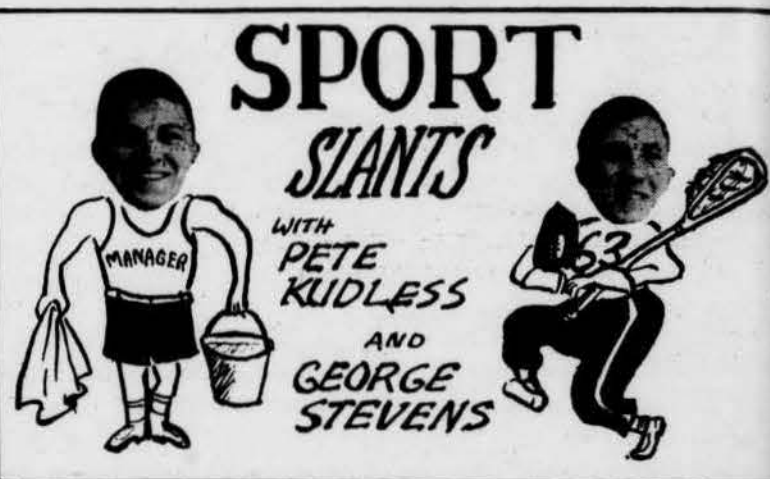


Jr. Musclemen fight for rebound

51-50, and bombed the Sophs 60-45. The Sophomores moved into the finals by besting the Freshman 61-43.

In the first game of the series Thursday, the Sophomore class, led by the stellar play of Ron Dill, Don Lutz, and Doug Bobseine, put the stoppers on the heavily favored Frosh. The Freshmen never seemed to get rolling as the Sophs combined good re-

(Continued on Page 5)



The winter sports season has nearly come to a close with only the New England Interscholastic Swimming competition on March 12, 13, and 14 remaining. The swimming team travels to M.I.T. this weekend in the hopes of capturing a few individual honors in the three days of events.

In reviewing the basketball season, Coach McNulty, can certainly be proud of his team's strong effort. After McNulty had said his team was more capable than their record showed, the team set out to prove it by winning six of their last eight games. The Engineers ended the season with a 10-12 mark and with four starters returning next year the future looks bright. Captain Dave LaRue is the only graduating member of the squad. His contribution to the team in his four years at Tech will not be forgotten.

The Wrestling team ended the season with a 5-5-1 record, which was the most impressive of all varsity sports this winter. Four standouts noted throughout the season were co-captains Jake Jacobson, 9-2, and Russ Trask, 9-2, junior Ron Tata 10-0-1, and freshman Bob Locke, 11-0. Along with Jacobson and Trask, Dave Herrmann, who wrestled 177, and John Wilson, who wrestled 157, will not be returning next year. This past week-end wrestling competition came to a close with Bob Locke winning the New England freshman 137 pound weight class, Ron Tata finishing third at 167 and Russ Trask placing third at 191 in varsity competition.

The swimming team came up with the same record as last year winning three and losing five. With only captain Phil Giantris and Jim Nystrom graduating this year the team has a strong nucleus to build on.

The big disappointment this winter was the hockey club. Favored to be one of the big threats in the Worcester City League they ended the season with a miserable, 6-10, record. Co-captain Carl Hanson, Phil Ryan, Harry Wood, and Steve Boraks completed their final season of hockey at W.P.I.

Congratulations to Bill Nims who was recently named the most valuable player on the Worcester Tech basketball team by the Worcester College Coaches and Writers Association. As the number one rebounder and one of the top scorers on the team, we can truly see that Bill is very deserving of such an honor.

The sports editors have selected Bob Locke as the athlete of the week for his outstanding performance in winning the 137 pound freshman mat championship at U. Mass. on Saturday. He became the first Worcester Tech wrestler to win such a championship since Russ Trask won in 1962.

G. R. S.

## MASQUE 3-Act Play Tryouts

4:00 P.M., THURSDAY, MARCH 11

On ALDEN Stage

12 MALE PARTS

"Blood, Sweat, and Stanley Poole"

No Experience Necessary

You Will  
**NOTIS**

The Difference

PIZZA  
GRINDERS  
ITALIAN SANDWICHES

137 HIGHLAND ST.

AVOID WAITING

CALL PL 2-9248





## Tech's Outstanding Winter Athletes

In continuing a tradition which was started by last year's sports editors, we are presenting the people who, this year's staff feel, are the outstanding athletes of the winter season.

In choosing these men, we have based our choice on several factors. We realize that our choices may not be unanimously accepted.

Half of our choices will appear in this issue, the other half will be in next week's paper.



**BOB LOCKE**

Bob Locke, a freshman from West Islip, N.Y., gained the fancy of the fans throughout the season, with the ease in which he demolished his opponents. Winner of all of his eleven matches, eight of which were pins, Bob piled up some fine statistics and also broke two records. Locke was the highest scorer ever for Tech wrestlers as he piled up 49 points via his eight pins and three decisions. He also broke the quick pin record with a time of 0:24. Wrestling in the 137 lb. class, Bob showed no mercy as he beat opponent after opponent with apparent reckless abandon. Locke ended his season this past weekend by placing first in the NEIWA Freshman Tournament in the 137 lb. class.



**RON TATA**

Ron Tata, Tech's other undefeated grappler, is a junior C.E. from Leominster, Massachusetts. Tata was the crowd favorite as he strongarmed his opponents into predicaments consistently throughout the year. In the 167 lb. class, he showed strength seldom seen in winning ten matches including three pins and one draw. In the process, he garnered a total of 38 team points while losing only 2 points. In the New England Invitational last weekend, Ron was seeded third and wrestled his way into third place in the 167 lb. class. Although it is tough to improve upon an undefeated season, Ron is perhaps just hitting his peak and with a year of eligibility remaining, he should do even better next year.

Senior forward, Dave LaRue, served as captain of this year's basketball team. Dave proved himself worthy of the honor in many ways, as he was a team leader both on the court and off. His great hustle and 13.2 points per game average led his team to their finest record in recent seasons, 10 victories in 22 attempts.



**DAVE LARUE**

Dave's best performance this year was against the M.I.T. Engineers, who were sporting an 11-3 record, as he came through with 6 consecutive field goals and 29 total points in the game to lead Tech to an 82-69 victory.

Dave could always be counted on for the needed points when the going got rough, as he rarely had a cold night. His 18 point total in the A.I.C. game turned the tide Tech's way and he meshed for 21 in the 100-88 rout over Trinity. Dave can be proud of his final season here at Tech and the team he captained so handily.



**JOHN STUMPP**

Sophomore swimmer John Stumpp came into his own this season sporting a fine 5-2 record. In John's only two losses, he was just touched out by his opponents, losing both races by a combined time of .8 seconds. John has a uniquely smooth style which gives W.P.I. its punch in the first three meets, John was forced to sit out a meet due to a shoulder injury. However this sophomore aquaman came on strong, finishing the year with four straight victories including the record. John flirted with the school back-

stroke record a couple of times at the beginning of the season, but it wasn't until the UMass meet that he was able to better the old mark. John topped Roger Carlson's old record by 3.5 seconds.

Mr. Stumpp will have quite a time next season trying to improve upon his fine performances this year.



**BILL BAKER**

This past year, Bill Baker, only a junior, served as hard-skating co-captain of the Worcester Tech Hockey Team. Bill was a hustling center who played consistently good hockey all season and at times put on performances that were next to unbelievable. An example of this was the UMass game where Bill single-handedly defeated the Redmen who had jumped to an early 4-0 lead. Bill put himself into gear and started scoring goals faster than the referee could drop the puck. This first line center scored five of Tech's six goals and assisted on the other. Four of Bill's scores were unassisted.

The team's high scorer, Bill had an amazing 16 goals and 16 assists for the 16 game season. Bill's many fine efforts didn't go unnoticed as he was a unanimous choice for the Worcester College Hockey League's All Star Team.



**BILL NIMS**

Center Bill Nims proved to be an irreplaceable keystone of the Tech basketball five this season. Bill led the team off the boards all season as he gathered in an average of 14.5 rebounds per game. In addition to playing solid defensive ball against a number of tough opponents, he managed to ring up a sizeable season average of 14.5 points per game to lead in this category also.

One of Bill's finer efforts this season was for naught as he accounted for 30 of Tech's 66 points against a strong Harvard quintet, which could not be denied victory. He proved to be the deciding factor in the A.I.C. game as he

## SCARLETS DEFEAT CAGERS IN FINALE

The Tech basketball team was soundly beaten by their inter-city rival, Clark University at Alumni Gym Wednesday night by a score of 89-71. This loss brought Tech's final record to 10 wins and 12 losses; however they finished up strong, winning 6 out of their last 8 contests. Clark's final record was 7-14.

The first half was nip and tuck all the way and the scoreboard read 41-41 as the squads returned to the locker rooms for the half-time rest. However, in the final twenty minutes Tech's shooting went sour, and during one stretch Clark outscored the home team 25-4.

Tech felt the sub-par performance of high-scoring Sophomore guard Don Lutz who was hampered by a sprained ankle and only hit on one shot from the floor. However, this isn't meant to take any credit away from the Clark squad which played an excellent game. Clark's leading scorers were Murin with 26, Anger and Barys with 18 each, and Co-captain Lucier with 15 points. Freshman forward Kevin Sullivan had another fine night as he led Tech's scorers with 20 markers. Backing up Sullivan were Bill Nims with 15, Larry Penoncello, with 14, and senior Captain Dave LaRue with 13.

(J. V.)

The Worcester Tech Jayvee team closed their season Wednesday night with a big 95-75 victory over the Clark Junior Varsity. The quartet of Cannon and Pleines doing the shooting, with Kasper and Raslavsky controlling the boards proved too much for the Clark five and they fell by the wayside in the first period. The half-time buzzer found Tech leading by a score of 45-25 with Kasper and Cannon

held big Frank Stronczek to only 15 points while netting 16 himself and grabbing 17 rebounds to lead the team to an 84-72 victory. This was quite a feat against the highly rated Stronczek.

Bill's talents did not go unnoticed and he was chosen by the Worcester College Coaches and Writers Assn. as Tech's most valuable player. Only a junior, this M.V.P. will be back again next year, looking to lead his team to a winning season.

each netting 13 points and Pleines with 9.

In the second half Tech was slow getting started and Clark netted a few quick ones till Eddie Cannon came alive and put on quite a show of basketball, adding 18 more points to his collection. Both teams added 50 more points to the score board in the second half, but Tech still had that 20 point lead as the game ended. The big scorers for the night were Cannon with 31, Kasper 25, and Pleines 18. The Victory put the finishing touches on a fine 11-6 season for the Tech Junior Varsity.

## JUNIORS CHAMPS

(Continued from Page 4)

bounding, ball-handling, and shooting to defeat their foes. High man was Ron Dill with 23 points.

The Juniors, on the other hand, being the least favored, faced a well-experienced Senior team. However, good defense proved to be the key to the game as top scorers for the Seniors failed to hit.

The Seniors, however, closed a 7 point deficit with one minute remaining to 1 point with 6 seconds left, but a key steal by George Stevens saved the game. High man was Bill Nims with 16 points.

Spurred on by this upset victory over the Seniors, the Juniors took on the Sophs, who had won a decisive victory over the Frosh. It was never a contest as the Juniors, led by the scoring of Jay Segal and Larry Penoncello, increased their 9 point half-time lead to 15, which held throughout the remainder of game. High men were Jay Segal and Larry Penoncello with 11, while Ed Piltzecker had 16 for the Sophs.

Playing on the winning team for the Juniors were: Larry Penoncello, Bill Nims, Jay Segal, Darrel Kost, George Stevens, Al DiPietro, Tod Wicker, and Don Foley.

**HIGHLAND RX  
PHARMACY**  
RELIABLE PRESCRIPTIONS

104 Highland Street  
PL 6-0594 Worcester, Mass.

**JOINT COLLOQUIUM**  
DEPARTMENTS OF MATHEMATICS AND  
MANAGEMENT ENGINEERING

202 STRATTON

4:15 P.M., FRIDAY, MARCH 12, 1965

PROFESSOR CYRUS DERMAN

Columbia University

Department of Industrial Engineering

TOPIC: MARKOVIAN DECISION PROCESSES



## LETTERS TO EDITOR

(Continued from Page 2)

U.S., Communist aims both in the USSR and the United States, and others.

Unfortunately it has not always been possible to get "sensational" or "big name" speakers due to both a limited budget and the fact that the name WPI does not draw big names as sugar draws flies. If this were Harvard, perhaps we could see the likes of Martin Luther King, James Baldwin, or Sargeant Shriver. But it is not, and we have to settle for lesser known though not necessarily less knowledgeable speakers. Although these speakers are referred to us by respected people, we, just as you the students, are never certain that they will provide a high-calibre program.

The Assembly Committee this year has written to and been turned down by over 40 well known people (including Hugh Hefner, Margaret Curley Brown—author of 'Sex and the Single Girl,' and others, such as those mentioned above). As might be evident, the time taken by the Assembly Committee in procuring speakers exceeds by far the one hour taken from the student's busy schedule to critique the program.

The lack of attendance has hampered this year's program somewhat. A part of this apathy may be due to a deficient publicity program. Some might be attributed to the traditional assemblies which must be held every year though they may be boring to the average student. It is also extremely difficult if not impossible to have an outstanding speaker week in and week out when the number of dynamic, noteworthy, interesting, and willing speakers in the country is limited.

In conclusion, we welcome any constructive suggestions or worthwhile topics and general improvements of the program. The Tech Senate, and we ourselves, cannot give you, the student, what you want unless you convey to us what you would like to see.

Bob Klauber and Ron Greene,  
Co-chairman Tech Senate

Your analysis of the lack of student participation in the last issue of the Tech News was both repetitive and superficial. Who else is to blame but student, faculty, and administration? The question goes deeper than one of blame. It goes into the make-up of the individual at an engineering school and particularly at Tech. What is his goal and how can he best achieve this goal is perhaps a more fitting question. In my own mind the goal seems to be getting as much of a technical education as possible from Worcester Tech with the minimum of effort and a maximum Q.P.A. Students are just not interested in topics outside of engineering unless they contain elements of sensationalism, and, for the most part, the Administration and faculty are not that concerned either.

My idea of a college education is more than classwork, homework, and labs. It is an opportunity to become aware of other aspects of the world and a participation in activities which lead to this awareness. When a student graduates from a college he should be able to handle himself in many spheres of interest outside his one narrow specialty—world affairs, government, and some cultural activity.

Take as an example the assembly program which you call uninteresting and unappealing. Over the last two years we have had Robert Welch, Norman Thomas, a representative from the NAA-CP, the Stock Exchange, and Labor and Management. We have had an art exhibit, a poet, an author, and speakers on extremism and conservatism. We have had two assemblies on the Viet Nam situation a sports figure and a few entertainers. Let me ask you what you consider interesting and appealing. And let me remind you of our limited budget and time to obtain such speakers. One other point, we have sent letters in the name of the Tech Senate to over thirty figures in the public eye, ranging from all fields of public interest, and to date we have received but one reply to the affirmative. This has been discouraging to say the least.

To get back to my original point concerning the goal of students, faculty, and administration, I think a whole change in attitude is necessary on this campus if we are to get more participation in school events. This change

must come from within each individual. I don't know how you can make someone interested in, or convince him of the worth of outside activities.

George W. Mitschang

## Tech Senate

On Monday, March 8, George Mitschang opened the meeting at 7:30. Secretary Braun read the minutes of the previous meeting.

Bob Klauber gave the Assembly Committee report. Red Auerback and Vance Packard were announced as two of the upcoming speakers.

The cheerleader question was mentioned and discussed briefly.

The problem of independents participating in school activities was discussed. Pat Moran, Arnie Antakauskas, and John Burns, are members of the committee looking into this situation.

Ron Greene brought up the need of a new Assembly Chairman for the coming year. President Mitschang said the present committee will submit suggestions at the next meeting.

## SCHRIEVER

(Continued from Page 1)

plete aerospace system in operational use.

General Schriever was promoted to four - star rank effective July 1, 1961, and has been awarded the following honorary degrees. Doctor of Science Degrees from Creighton University, Rider College, Adelphi College and Rollins College; Doctor of Aeronautical Science from the University of Michigan; Doctorate of Engineering from Brooklyn Polytechnic Institute; Doctor of Laws from Loyola University of Los Angeles.

General Schriever is married to the former Dora Brett, and is the father of three children.

Following General Schriever's address, a bronze plaque bearing the likeness of Dr. Goddard will be unveiled. The address of dedication will be delivered by Milton Lehman, distinguished author of *This High Man*, a biography of Dr. Goddard published two years ago. He will be introduced by WPI president Harry P. Storke.

The activities will then be re-

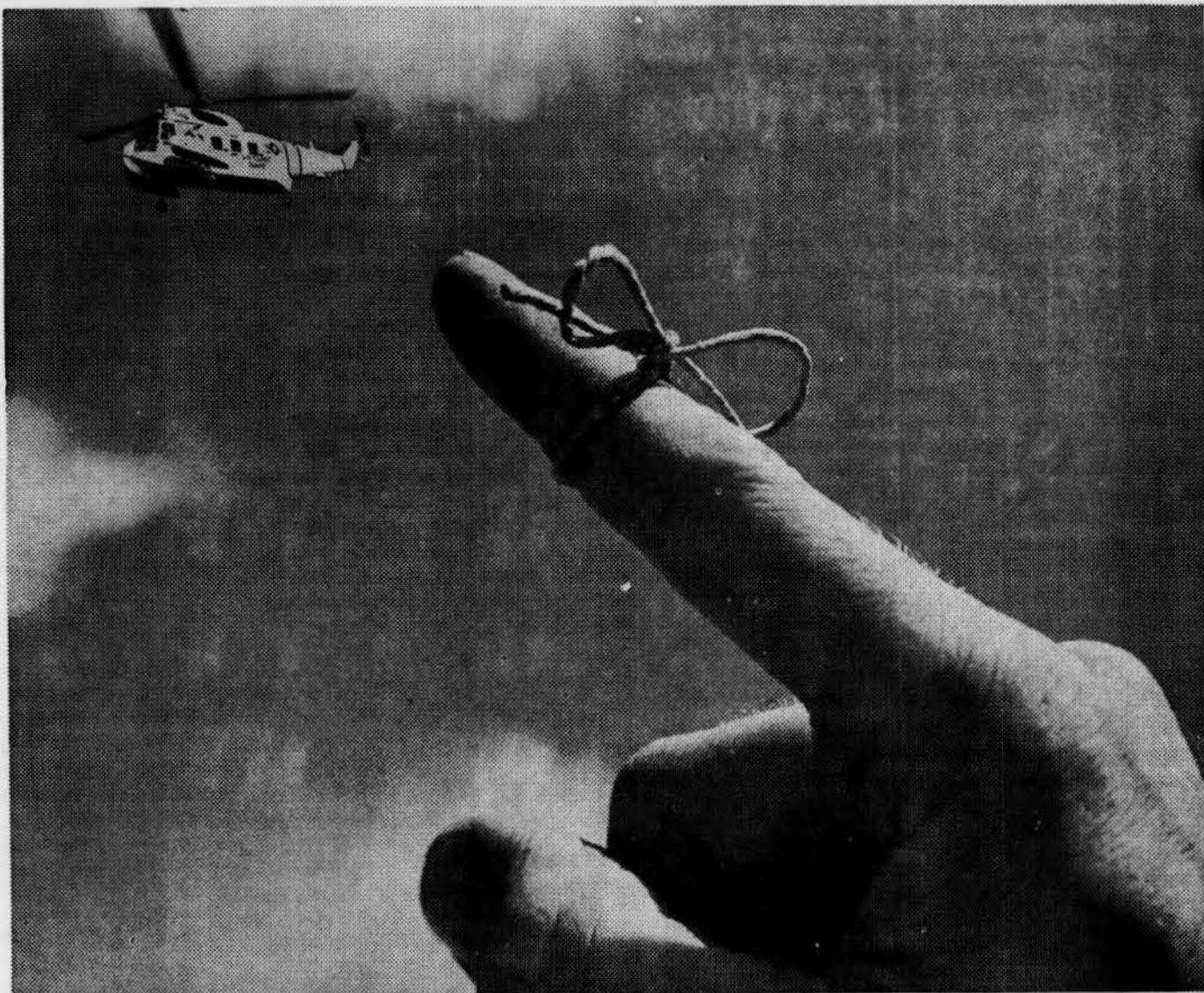
sumed in Alden Memorial Auditorium where speakers will be Mrs. Esther C. Goddard, widow of the rocket pioneer, and Brigadier General Homer A. Bushey (USAF retired), a former friend and associate of Dr. Goddard and now an executive of Lockheed Missiles and Space Co. in Sunnyvale, California.

## Goddard's Friend

(Continued from Page 1)

In 1943 he was the first U. S. Commander of a jet aircraft.

General Boushey advanced through the ranks very quickly. By 1957 he was a Brigadier General in the U. S. A. F. Few of the various positions he held after the war were Vice Commander of Wright Air Development Center, Director of Advanced Technological Headquarters U.S.A.F., and Commander of Arnold Engineering Division Center, Arnold Air Force Station, Tenn. He retired from the service in 1961 and is presently Lockheed Missiles and Space Co., manager of Science Planning, Sunnyvale, Calif.



## The name to remember for career potential? SIKORSKY.

It could be the first step to a wise career decision.

For never was there a better opportunity for young engineers like yourself to participate in the growth of a dynamic, young industry . . . to enter the expanding world of *advanced VTOL systems*.

Let's enlarge on this point. Throughout the history of engineering, man's ability to progress has been accomplished by combining one technology with another. And at Sikorsky Aircraft we're doing just that.

The Sikorsky vehicle of today is an *advanced VTOL system* . . . blending the technologies of sophisticated electronic systems and the helicopter airframe to provide a uniquely new, most versatile means of transportation. Today, our VTOL systems are working in the broadest areas—ranging from space capsule recovery to commercial and industrial

transport. And we are aiming far into the future with the further advancement of this new technology.

*And what about you?* As a Sikorsky engineer, you would be helping to move "tomorrow" closer by working in small interdependent groups on demanding problems in such areas as *aerodynamics • human factors engineering • automatic controls • structures engineering • weight prediction • systems analysis • operations research • reliability/maintainability engineering • autonavigation systems • computer technology* . . . among others.

Opportunities for individual stature and personal progress are here . . . now.

*And professional competence is further advanced by our corporation-financed Graduate Education Program.*

Please consult your College Placement Office for campus interview dates—or—for further information, write to Mr. Leo J. Shalvoy, Engineering Personnel.

# Sikorsky Aircraft

STRATFORD, CONNECTICUT

An Equal Opportunity Employer

DIVISION OF UNITED AIRCRAFT CORPORATION

U  
A